

I]. CLAIMS

What I claim for my invention is a toroidal vehicle....

- 1.0 Encompassing an enclosed secondary toroidal fuselage, between are two counter rotating propulsion units.
- 2.0 Between the upper half of the toroid and the outer saucer skin lies a circular wing.
- 3.0 Inner part of the lower skin membrane will be designed to change the airflow from high to low pressure, eliminating negative lift.
- 4.0 Vertical propulsion systems will be provided by two counter rotating assemblies , mounted within the duct.
- 5.0 Turns will be generated by increasing or decreasing the revolutions of the propulsion systems, including reverse flight.
- 6.0 Yaw and pitch will be controlled by three nozzles, mounted in a triangular pattern on the outer edge of the skin surface.
- 7.0 Air Intake/Exhaust Slot, circular opening on lower circumference to balance air mixture.
- 8.0 Horizontal flight will be accomplished by a turbine located just aft of the duct.
- 9.0 Reverse flight is accomplished from forward flight by idling the horizontal turbine, and rotating the vehicle.